



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Paula Syrjarinne

Attorney Docket No.: 944-001.48-3

Application No.: 10/693,261

Group No.: To be assigned

Filed: October 24, 2003

Examiner: To be assigned

For: TWO-STAGE INTERACTING MULTIPLE MODELS FILTER FOR USE IN A GLOBAL POSITIONING SYSTEM

Commissioner for Patents  
U.S. Patent & Trademark Office  
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Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicant encloses all except one of the previously listed references in the Information Disclosure Statement mailed February 25, 2004, and not provided with the IDS. The fourth reference "An Algebraic Solution of the GPS Equations by S. Bancroft..." will be provided in a supplemental Information Disclosure Statement.

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to:  
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She Muro 4-21-04  
She Muro Date


Respectfully submitted,

Date: April 20, 2004

Reg. No.: 41,266

Telephone No.: (203) 261-1234

Customer No.: 004955

  
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**James A. Retter**  
Ware, Fressola, Van Der Sluys &  
Adolphson LLP  
Bradford Green, Building Five  
755 Main Street, P.O. Box 224  
Monroe, CT 06468



Sheet 1 of 1

<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b>		<b>ATTY DOCKET NO.</b> 944-001.048-3		<b>SERIAL NO.</b> 10/693,261			
		<b>APPLICANTS:</b> Jari Syrjärinne					
		<b>FILING DATE:</b> Oct. 24, 2003		<b>ART UNIT:</b> to be assigned			
<b>UNITED STATES PATENT DOCUMENTS</b>							
<b>EXAM. INITIAL</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>INVENTOR/ASSIGNEE</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE IF APPROPRIATE</b>
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>INVENTOR/ASSIGNEE</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION YES/NO</b>
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>							
		GPS Positioning, Filtering and Integration by J. Chaffee, J. Abel, and B. McQuiston, IEEE Aerospace and Electronics Conference 1993					
		Position Fix from Three GPS Satellites and Altitude: A Direct Method by M. Phatak, M. Chansarkar, and S. Kohli, IEEE Transactions on Aerospace and Electronic Systems, Vol. 35 (1), January 1999					
		Understanding GPS: Principles and Applications by Elliot D. Kaplan, pgs. 25-27, Artech House Publisher, 1996					
		An Algebraic Solution of the GPS Equations by S. Bancroft, IEEE Transactions on Aerospace and Electronic Systems, Vol. 21 (7), January 1985					
		Tracking a 3D Maneuvering Targets With Passive Sensors by F. Dufour and M. Mariton, IEEE Transactions on Aerospace and Electronic Systems, Vol. 27 (4) July 1991					
		Multisensor Tracking of a Maneuvering Target in Clutter by A. Houles and Y. Bar-Shalom, IEEE Transactions on Aerospace and Electronic Systems, Vol. 25 (2) March 1989					
		The GPS Filtering Problem, J. Chaffee, J. Abel, IEEE Position, Location and Navigation Symposium 1992.					
<b>Examiner</b>				<b>Date:</b>			